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(71) Applicant (for all designated States except US): **CHIRON SRL** [IT/IT]; Via Fiorentina, 1, I-53100 Siena (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BARDOTTI, Angela** [IT/IT]; Chiron Vaccines, Via Fiorentina, 1, I-53100 Siena (IT). **RICCI, Stefano** [IT/IT]; Chiron Vaccines, Via Fiorentina, 1, I-53100 Siena (IT). **PROIETTI, Daniela** [IT/IT]; Chiron Vaccines, Via Fiorentina, 1, I-53100 Siena (IT).

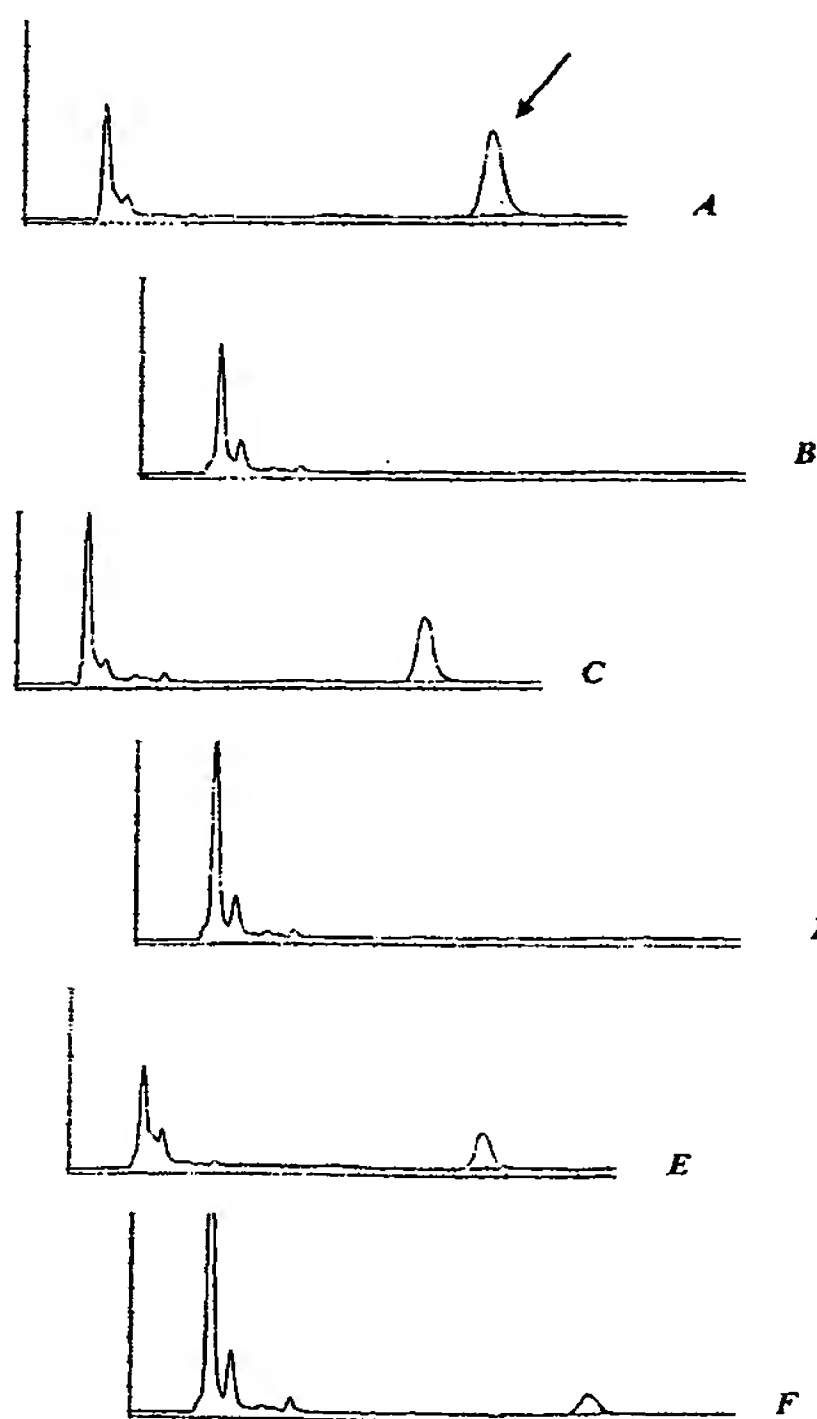
(74) Agents: **MARSHALL, Cameron, John et al.**; Carpmaels & Ransford, 43-45 Bloomsbury Square, London WC1A 2RA (GB).

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(54) Title: SEPARATION OF UNCONJUGATED AND CONJUGATED SACCHARIDE BY SOLID PHASE EXTRACTION



(57) Abstract: The invention is based on the use of solid phase extraction for separating conjugated saccharide from unconjugated saccharide in sample, e.g. a vaccine. Solid phase extraction (SPE) provides faster and more reproducible separation of conjugated saccharides, thereby allowing quantitative separation of these saccharides. The separation of conjugated and unconjugated saccharide using SPE may be advantageously combined with a quantitative conjugate analysis to provide improved quality control for conjugate vaccines. The SPE separation is compatible with existing quantitative conjugate analysis techniques, such as high performance anion exchange chromatography with pulsed amperometric detection (HPAEC-PAD).

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